1st, 1935.

HE UNITED KINGDOM

IN BLAST.

e Furnaces, and Published at the Offices of

AL, WITH WHICH IS INCORPORATED THE IRON & STEEL TRADES JOURNAL.

regularly each Quarter since 1879.

49, WELLINGTON STREET, STRAND, LONDON, W.C.2

Telegrams—ZACATECAS, RAND, LONDON.
Telephone—TEMPLE BAR 3951 (5 lines).

mber 31st, 1935	287
ecember 31st, 1935	105
lt	2
ast since September 30th, 1935	7
, 1935	9

North Staffordshire (1).—Goldendale Iron Co., Ltd., 1.
Northamptonshire (2).—Stewarts and Lloyds, Ltd., 1 (Corby, 1); Kettering Iron & Coal Co., Ltd., 1.
South Staffordshire & Worcestershire (1).—G. & R. Thomas, Ltd., 1.

tember 30th, 1935	2

South Staffordshire & Worcestershire (1).—Stewarts and Lloyds, Ltd., 1.

)	1
ed at present time	25

West Cumberland (1).—United Steel Companies, Ltd., 1.
South & West Yorkshire (1).—Park Gate Iron & Steel Co., Ltd., 1.
Lancashire (3).—Barrow Hematite Steel Co., Ltd., 2; Lancashire Steel Corporation, Ltd., 1.
Derbyshire (2).—Stanton Ironworks Co., Ltd., 1; Sheepbridge Coal & Iron Co., Ltd., 1.
Northamptonshire (1).—Stewarts and Lloyds, Ltd., 1 (Islip Iron Works, 1).
South Staffordshire & Worcestershire (1).—Stewarts and Lloyds, Ltd., 1.

	Total in blast on Dec. 31.	In blast Dec. 31, making			Average in blast.		Total built.	F'nces relining or rebuilding.
		Hem.	Fge & F'dy.	Basic.	Dec. qr.	Sept. qr.		
	—	—	1	—	1	—	3	—
	—	—	1	—	1	—	3	—
trict								
	3	3	3	3	4	1		
	—	—	—	—	4	—		
	2	2	2	2	4	1		
	4	3½	3	3	[illegible]	—		
	1	1	1	1	[illegible]	1		
	—	3	3	3	4	1		
	—	—	—	—	3	2		
	—	2	2	2	5	—		
	3	3	3	3	3	—		
	—	2	2	2	3	—		
	—	—	—	—	3	—		
	2	3	3	3	5	—		
	—	—	—	—	6	—		
	15	22½	22	22	50	6		
o-manganese, etc.								
land								
	—	3	3	3	6	1		
	—	2	2	2	3	—		
	—	5	5	5	9	1		
manganese, etc.								
lshire								
	—	1	1	1	3	—		
	2	2	2	2	3	—		
	2	3	3	3	6	—		
Yorkshire								
	—	—	—	—	2	—		
	2	2	2	2	3	1		
	—	1	1	1	2	—		
	2	3	3	3	7	1		
e								
	—	1	1	1	1	—		
	—	2	2	2	4	2		
	—	—	—	—	2	—		
	—	—	—	—	4	—		
	3	3	3	3	4	1		
	3	6	6	6	15	3		
re								
	—	4	4	4	5	1		
	—	1	1	1	2	—		
	—	1	1	1	2	—		
	—	1	1	1	2	1		
	—	4	4	4	4	—		
	—	11	11	11	15	2		

Northamptonshire

Name of Firm.	Total in blast on Dec. 31.	In blast Dec. 31, making			Average in blast.		Total built.	F'nces relining or rebuilding.
		Hem.	Fge & F'dy.	Basic.	Dec. qr.	Sept. qr.		
New Cransley Iron & Steel Co., Ltd.	1	—	1	—	1	1	2	—
Hunsbury Iron Co., Northampton	—	—	—	—	—	—	2	—
Stewarts & Lloyds, Ltd.—								
Islip Iron Works ..	2	—	2	—	2	2	4	1
Corby	3	—	—	3	2¾	2	3	—
Kettering Iron & Coal Co., Ltd., Kettering	2	—	2	—	1½	1	2	—
Wellingboro' Iron Co., Ltd., Wellingboro'	1	—	1	—	1	1	1	—
Totals	9	—	6	3	8	7	14	1

Essex

Ford Motor Co., Ltd., Dagenham	1	1	—	—	1	1	1	—
Totals	1	1	—	—	1	1	1	—

South Staffordshire and Worcestershire

Bradley & Foster, Ltd., Capponfield ..	—	—	—	—	—	—	2	—
G. & R. Thomas, Ltd., Hatherton	1	—	1	—	1	—	2	—
Earl of Dudley Brierley Hill	1	—	1*	—	1	1	4	—
Stewarts & Lloyds, Ltd. Wolverhampton	2	—	—	2	2	3	3	1
Willingsworth Iron Co., Ltd., Wednesbury	—	—	..	—	—	—	2	—
M. & W. Grazebrook, Ltd., Dudley	1	—	1*	—	1	1	2	—
Wm. Roberts (Tipton), Ltd.	—	—	—	—	—	—	3	—
Totals	5	—	3	2	5	5	18	1

* Cold blast.

Gloucester, Somerset and Wilts

New Westbury Iron Co., Ltd.	—	—	—	—	—	—	1	—
Totals	—	—	—	—	—	—	1	—
GRAND TOTALS FOR UNITED KINGDOM	105	23	34	44	102½	99	287	25

New Furnaces Building (1)

NORTHAMPTONSHIRE (1).—Wellingboro' Iron Co., Ltd. (1).

Number of Furnaces in Blast on December 31, 1935

District.	Average in blast for quarter	Total in blast on Dec. 31, 1935	Total in blast on Dec. 31, making			
			Hem.	Forge & Foundry	Basic	Ferro-man., etc.
Scotland	13¾	13	4	6	3	—
Durham and Northumberland ..	4	4	4	-	—	—
Cleveland	22½	23	5	1	15	2
Northamptonshire	8	9	-	6	3	-
Lincolnshire	12	12	—	1	11	-
Derbyshire	11	11	—	11	—	-
Notts and Leicestershire	2½	3	—	3	—	-
S. Staffordshire and Worcestershire ..	5	5	—	3	2	-
North Staffordshire	3	3	—	1	2	
West Cumberland	5	5	4	—		1
Lancashire	6	6	3		3	—
South Wales and Mon	3	4	2		2	-
South and West Yorkshire	3	3		1	2	-
Shropshire	1	1	—	1	—	
North Wales	2	2	—	-	1	1
Gloucester, Somerset and Wilts ..	—	—	—	-	-	—
Essex	1	1	1	—	—	—
Totals	102½	105	23	34	44	4
Totals for previous Quarter	99	98	22	32	42	2

Average Number of Furnaces in Blast for the previous Six Quarters

District.	Sept. 1935	June 1935	Mar. 1935	Dec. 1934	Sept. 1934	June 1934
Scotland	14	12½	11	13	13¾	14¾
Durham and Northumberland	4	4	3¾	4	4	4
Cleveland	22	21[illegible]	23	22	22	23
Northamptonshire	7	7¾	7½	7¾	7	6
Lincolnshire	10	10	10¾	10¾	11½	11½
Derbyshire	11	11	11	10	10	10
Notts and Leicestershire ..	2	2	3	3	3	3
South Staffordshire and Worcestershire	5	5	5	4½	3¾	3½
North Staffordshire	3	3	2	3	3	2¾
West Cumberland	5	5	5	5	5	5
Lancashire	6	6	[illegible]	6	6	6
South Wales and Mon ..	4¾	4¾	4	4	4	4
South and West Yorkshire ..	3	3¾	3½	3	3	4
Shropshire	—	—		1	1	—
North Wales	1½	2	2	2	2	2
Gloucester, Somerset and Wilts	—	—		—	—	—
Essex	1	1	1	1	1	—
Totals	99	99	98	99½	99½	99

SUPER GRADE
SILICA BRICK

SUPER SILICA CEMENT
None so Durable
QUALITY NEVER VARIES

STEPHENS SILICA BRICK Co., Ltd.
KIDWELLY.

PHILADELPHIA EXHIBITION, 1876:
ALSO SILVER MEDAL, PARIS.
The highest award for Gas Retorts and other goods (in Fire Clay) has been awarded to King Brothers for their Goods made from their renowned Stourbridge Fire Clay.

KING BROTHERS
(STOURBRIDGE), LIMITED.
Proprietors of Stourbridge Clay
MANUFACTURERS OF
Blast Furnace and Hot Air Stove Bricks, Tank Blocks, Glass-House Bricks and Pots, Gas Retorts and Crucibles. In Clay and Plumbago.
STOURBRIDGE, ENGLAND.
CRUCIBLE MANUFACTORY.
46, PENN STREET,
Curzon Street, Birmingham.
N.B.—Blast Furnace, Hot Air Stove and Glass-House Bricks and Glass-House Pots always on Stock, or made on the shortest notice.

GEO. KING-HARRISON
Makers of ..... LIMITED, STOURBRIDGE.
BLAST FURNACE LININGS
of
Highly Aluminous Quality.
ALL BLOCKS ARE
MACHINE PRESSED.
Specialists in Hexagon Bricks for Hot Blast Stoves.
Our facilities for making and supplying quickly are exceptional.
● CUPOLA BRICKS
● COKE OVEN BRICKS.
NOTE.—Our SHADRACH BRAND will resist sudden shocks and temperatures, and is the popular Furnace Heat Resister to-day.

HARRIS & PEARSON
LIMITED
STOURBRIDGE
Machine Pressed
FIREBRICKS
for
BLAST FURNACE LININGS
Cowper, Ford, Moncur and other
HOT BLAST STOVES
COKE OVEN BRICKS and Firebricks for all purposes
SPECIAL BOILER SEATING BLOCKS, FLUE COVERS and BOILER COVERING BRICKS

'FOSTER'
OF
BACKWORTH,
THE
BLAST FURNACE LINING SPECIALISTS
Makers of Machine Made
HIGH GRADE
Aluminous Linings
as supplied to
37 Iron Works in Great Britain,
as well as others in the Dominions and several European Countries.
HENRY FOSTER & Co LTD
BACKWORTH,
NEWCASTLE-ON-TYNE.

CAST IRON FLANGED
PIPES
2 in. to 12 in. Bore.
THOMAS ALLAN & SONS, Ltd.
Bonlea Foundry, Thornaby-on-Tees.

RYLAND'S DIRECTORY
OF THE
COAL, IRON, STEEL, TINPLATE, METAL, ENGINEERING, FOUNDRY, HARDWARE & ALLIED TRADES.
1936 Edition Ready shortly.
Price 42/- Cloth, 52/- Morocco.
Published by :—
THE IRON AND COAL TRADES REVIEW,
49, WELLINGTON STREET, LONDON, W.C.2.
Telephone: *Temple Bar 3951 (5 lines).*
Telegrams: *"Zacatecas, Rand, London."*

March 31st,

BLAST FURNACES OF THE

BUILT AND IN B

Compiled from Returns Received Direct from the Furna

49, WELLINGTON STREET,
STRAND, LONDON, W.C.2

Telegrams—ZACATECAS, RAND, LONDON.
Telephone—TEMPLE BAR 3951 (6 lines).

THE FOUNDRY TRADE JOURNAL, TH

These Statistics have been published regularly

HIGH GRADE REFRACTORIES.
BLAST FURNACE
AND
STOVE LININGS
ALSO
95% SILICA BRICKS FOR COKE OVENS.
JOHN G. STEIN & Co. Ltd.,
BONNYBRIDGE,
SCOTLAND.
THE LARGEST MAKERS IN THE BRITISH EMPIRE. | OUR TECHNICAL SERVICE IS AT YOUR DISPOSAL.

J.T.
PRICE
AND CO., LTD.
SPECIALISTS IN
HIGH ALUMINA
MACHINE PRESSED
BLAST FURNACE
LINING BRICKS
AS RECENTLY SUPPLIED TO LARGEST FURNACES IN THE COUNTRY
FURNACE LININGS OF ANY SIZE OR THICKNESS TO CUSTOMERS ORDERS
PRICE'S
STOURBRIDGE, ENGL

MACHINERY
for
COLLIERIES, FOUNDRIES, IRONWORKS, &c.
ELECTRICAL PLANT
BOILERS & TANKS, &c.,
LOCOS & CRANES.
THOS. W. WARD LTD.
ALBION WORKS, SHEFFIELD.
Phone: 23001 (8 lines).
Telegrams: FORWARD.
RAILS
& ACCESSORIES.
SCRAP IRON, STEEL, and OLD METALS.
Steel Construction Work.
Write for "Albion" Catalogue.
(10,000 lots in Stock.)
ENQUIRIES SOLICITED.

HARPER & MOORES
FIREBRICK CO. LTD
STOURBRIDGE.
ALUMINA 35%
REFRACTORINESS CONE 31-32
IRON OX. 2·5%
PERMEABILITY MIN 0.031. MAX 0.085
HIGH QUALITY
MACHINE PRESSED
BLAST
FURNACE BRICKS

JOHN HALL & CO.,
OF STOURBRIDGE, LIMITED,
STOURBRIDGE,
ENGLAND.
Manufacturers of
FIRE BRICKS,
BLAST FURNACE
BRICKS and
CUPOLA BRICKS.

Total number of Furnaces Built on March 31st,

Total number of Furnaces in Blast on March 3

Decrease in the number of Furnaces Built .. .

Increase in the number of Furnaces in Blast sinc

Furnaces Blown-in since December 31st, 1935

South Wales & Mon (1).—Guest Keen Baldwins Iron & Steel Co., Ltd., 1.
Cleveland (2).—Dorman, Long & Co., Ltd., 1 (South Bank, 1); Gjers, Mills & Co., Ltd., 1.
Lancashire (1).—Barrow Hematite Steel Co., Ltd., 1.
Northamptonshire
South Staffordshir

Furnaces Blown-out since December

Derbyshire (1).—Staveley Coal & Iron Co., Ltd., 1.
South Staffordshir

Furnaces being Built at present time (See below) .. .

Furnaces being Re-lined at p

Scotland (2).—Wm. Dixon, Ltd., 1 (Govan, 1); Shotts Iron Co., Ltd., 1.
North Wales (1).—Darwen & Mostyn Iron Co., Ltd., 1.
South Wales & Mon (1).—Guest Keen Baldwins Iron & Steel Co., Ltd., 1.
Durham & Northumberland (3).—Consett Iron Co., Ltd., 3.
Lincolnshire (2).—Appleby-Frodingham Steel Co., Ltd., 2.
Notts & Leicestershire (1).—Stanton Ironworks Co., Ltd., 1.
Cleveland (4).—Dorman, Long & Co., Ltd., 3 (Bessemer Iron Works, 1; Grangetown, 2); Skinningrove Iron Co., Ltd., 1.
West Cumberlan
South & West Y
Lancashire (1).—
Derbyshire (3).—
Staveley Co
Northamptonshir
South Staffordshi

Scotland

Name of Firm.	Total in blast on Mar. 31.	In blast Mar. 31, making			Average in blast.		Total built.	Furnaces relining or rebuilding.
		Hem.	F'ge & F'd'y.	Basic.	Max. qr.	Dec. qr.		
Langloan Iron & Chemical Co., Ltd., Coatbridge	—	—	—	—	—	—	5	—
Coltness Iron Co., Ltd., Coltness	—	—	—	—	—	—	6	—
Dixon, Wm., Ltd.—								
Calder	—	—	—	—	—	—	6	—
Govan	2	2	—	—	2	2	6	1
Glasgow Iron & Steel Co., Ltd., Wishaw	—	—	—	—	—	—	6	—
Shotts Iron Co., Ltd.	2	—	2	—	2	2½	5	1
Summerlee Iron Co., Ltd., Coatbridge	—	—	—	—	—	—	7	—
Baird, Wm., & Co., Ltd., Gartsherrie ..	4	1	2	1	4	4	7	—
Bairds & Dalmellington, Ltd.—								
Muirkirk	—	—	—	—	—	—	3	—
Eglinton	—	—	—	—	—	—	6	—
Lugar	—	—	—	—	—	—	5	—
Colvilles, Ltd.—								
Glengarnock ..	—	—	—	—	—	—	7	—
Clyde Iron Works..	3	1	—	2	2½	3	3	—
Carron Co., Carron ..	2	—	2	—	2	2	4	—
Totals	13	4	6	3	12½	13½	76	2

North Wales

Brymbo Steel Co., Ltd.	1	—	—	1	1	1	1	—
Darwen & Mostyn Iron Co., Ltd., Mostyn	1*	—	—	—	1	1	2	1
Totals	2	—	—	1	2	2	3	1

* Making ferro-manganese, etc.

South Wales & Mon

Guest Keen Baldwins Iron & Steel Co., Ltd., Dowlais, Cardiff & Port Talbot, and Briton Ferry ..	5	2	—	3	4½	3	7	1
Baldwins, Ltd., Landore	—	—	—	—	—	—	1	—
Guest, Keen & Nettlefolds, Ltd., Cwmbran, Mon	—	—	—	—	—	—	1	—
Ebbw Vale Steel, Iron & Coal Co., Ltd.	—	—	—	—	—	—	5	—
Totals	5	2	—	3	4½	3	14	1

Durham and Northumberland

Consett Iron Co., Ltd., Blackhill	4	4	—	—	4	4	8*	3
Linthorpe - Dinsdale Smelting Co., Ltd., Middleton	—	—	—	—	—	—	4	—
South Durham Steel & Iron Co., Ltd., West Hartlepool	—	—	—	—	—	—	2	—
Totals	4	4	—	—	4	4	14	3

* Including one furnace partly demolished.

Lincolnshire

Appleby - Frodingham Steel Co., Ltd., Scunthorpe	6	—	—	6	6	6	8	2
Rd. Thomas & Co., Ltd., Redbourn	3	—	—	3	3	3	4	—
John Lysaght, Ltd.—Normanby Park Steelworks, Scunthorpe	3	—	—	3	3	3	5	—
Totals	12	—	—	12	12	12	17	2

Notts and Leicestershire

Stanton Ironworks Co., Ltd., Ashfordby	3	—	3	—	3	2½	5	1
Totals	3	—	3	—	3	2½	5	1

Shropshire

Name of Firm.	Total in blast on Mar. 31.	In blast Mar. 31, making			Average in blast.		Total built.
		Hem.	F'ge & F'd'y.	Basic.	Max. qr.	Dec. qr.	
Lilleshall Co., Ltd. ..	1	—	1	—	1	1	3
Totals	1	—	1	—	1	1	3

Cleveland District

Dorman, Long & Co., Ltd.—							
Acklam Iron Works	3	—	—	3	3	3	4
Newport Iron Works	—	—	—	—	—	—	2
Redcar Iron Works	2	—	—	2	2	2	4
Cleveland, South Bk.	4	—	—	4	4	3½	5
Bessemer Iron Works	1	—	—	1	1	1	2
South Bank ..	4*	1	—	1	3½	3	4
Grangetown ..	—	—	—	—	—	—	2
Gjers, Mills & Co., Ltd.	3†	2	—	—	3	2	5
Cargo Fleet Iron Co., Ltd.	3	—	—	3	3	3	3
Pease & Partners, Ltd.—							
Normanby Iron Works	2	2	—	—	2	2	3
Tees Iron Works ..	—	—	—	—	—	—	3
Skinningrove Iron Co., Ltd.	3	—	—	3	3	3	5
Linthorpe - Dinsdale Smelting Co., Ltd (Linthorpe Iron Works)	—	—	—	—	—	—	6
Totals	25	5	—	17	24½	22½	48

* Two furnaces making ferro-manganese, etc.
† One furnace making ferro-silicon.

West Cumberland

United Steel Companies, Ltd., Moss Bay and Derwent	3*	2	—	—	3	3	6
Millom & Askam Hematite Iron Co., Ltd., Millom	2	2	—	—	2	2	3
Totals	5	4	—	—	5	5	9

* One furnace making ferro-manganese, etc.

North Staffordshire

Goldendale Iron Co., Ltd.	1	—	1	—	1	1	1
Shelton Iron, Steel & Coal Co., Ltd., Stoke	2	—	—	2	2	2	—
Totals	3	—	1	2	3	3	—

South and West Yorkshire

Low Moor Iron Co., Ltd., Bradford	—	—	—	—	—	—	—
Park Gate Iron & Steel Co., Ltd., Rotherham	2	—	—	2	2	2	—
Newton, Chambers & Co., Ltd., Sheffield	1	—	1	—	1	1	—
Totals	3	—	1	2	3	3	—

Lancashire

Charcoal Iron Co., Ltd., Ulverston (Backbarrow)	1	1	—	—	1	1	—
Barrow Hematite Steel Co., Ltd.	3	3	—	—	2½	2	—
Darwen & Mostyn Iron Co., Ltd., Darwen	—	—	—	—	—	—	—
North Lonsdale Iron & Steel Co., Ltd.	—	—	—	—	—	—	—
Lancashire Steel Corporation, Ltd., Irlam	3	—	—	3	3	3	—
Totals	7	4	—	3	6½	6	—

Derbyshire

Stanton Ironworks Co., Ltd., Stanton Gate	4	—	4	—	4	4	—
Clay Cross Co., Ltd...	1	—	1	—	1	1	—
Renishaw Iron Co., Ltd., Chesterfield	1	—	1	—	1	1	—
Sheepbridge Coal & Iron Co., Ltd.	1	—	1	—	1	1	—
Staveley Coal & Iron Co., Ltd.	3	—	3	—	3	4	—
Totals	10	—	10	—	10	11	—

BRITISH PIGIRONS LIMITED.
ABBEY HOUSE, 2 VICTORIA ST., LONDON, S.W.1
BRITAIN'S BEST
MIDHILL GLENHILL

Alex. Findlay & Co.
Structural Engineers LTD.
Motherwell :: Scotland
STEEL BRIDGEWORK
BUILDINGS . ROOFS
GIRDERS . ETC.
Steel . Pithead . Frames
Steel Wagon Underframes
. . . . . *Speciality:* . . . . . .
Stamped Steel Floor Troughing
Head Office: MOTHERWELL, N.B.
London Office: 9, VICTORIA STREET, S.W.
Telegrams: { FINDLAY, MOTHERWELL. PARKENHUK, LONDON.
A.B.C. CODE 4th & 5th Editions.

t, 1936.

HE UNITED KINGDOM

IN BLAST.

Furnaces, and Published at the Offices of

WITH WHICH IS INCORPORATED
L, THE IRON & STEEL TRADES JOURNAL.
egularly each Quarter since 1879.

49, WELLINGTON STREET,
STRAND, LONDON, W.C.2

Telegrams—ZACATECAS, RAND, LONDON.
Telephone—TEMPLE BAR 3951 (5 lines).

h 31st, 1936	267
arch 31st, 1936	109
.. ..	20
st since December 31st, 1935 ..	4
1935	6
rthamptonshire (1).—Wellingboro' Iron Co., Ltd., 1.	
uth Staffordshire & Worcestershire (1).—Stewarts and Lloyds, Ltd., 1.	
mber 31st, 1935	2
uth Staffordshire & Worcestershire (1).—G. & R. Thomas, Ltd., 1.	
.. ..	1
ed at present time	22
est Cumberland (1).—United Steel Companies, Ltd., 1.	
uth & West Yorkshire (1).—Park Gate Iron & Steel Co., Ltd., 1.	
ncashire (1).—Barrow Hematite Steel Co., Ltd., 1.	
erbyshire (3).—Stanton Ironworks Co., Ltd., 1; Sheepbridge Coal & Iron Co., Ltd., 1; Staveley Coal & Iron Co., Ltd., 1.	
orthamptonshire (1).—Stewarts and Lloyds, Ltd., 1 (Islip Iron Works, 1).	
uth Staffordshire & Worcestershire (1).—Earl of Dudley, 1.	

					Aver-age in blast.			
					Mar. qr.	Dec. qr.	Total built.	F'aces relining or rebuilding.
					1	1	3	—
					1	1	3	—
ict								
3	3	3	4	—				
—	—	—	2	—				
2	2	2	4	—				
4	4	3½	5	—				
1	1	1	2	1				
1	3½	3	4	—				
—	—	—	2	2				
—	3	2	5	—				
3	3	3	3	—				
—	2	2	3	—				
—	—	—	3	—				
3	3	3	5	1				
—	—	—	6	—				
17	24½	22½	48	4				
nanganese, etc.								
icon.								
nd								
—	3	3	6	1				
—	2	2	3	—				
—	5	5	9	1				
nganese, etc.								
hire								
—	1	1	3	—				
2	2	2	3	—				
2	3	3	6	—				
orkshire								
—	—	—	2	—				
2	2	2	3	1				
—	1	1	2	—				
2	3	3	7	1				
—	1	1	1	—				
—	2½	2	4	1				
—	—	—	2	—				
—	—	—	4	—				
3	3	3	4	—				
3	6½	6	15	1				
—	4	4	5	1				
—	1	1	2	—				
—	1	1	2	—				
—	1	1	2	1				
—	3	4	4	1				
—	10	11	15	3				

Northamptonshire

Name of Firm.	Total in blast on Mar. 31.	In blast Mar. 31, making			Average in blast.		Total built.	F'aces relining or rebuilding.
		Hem.	F'ge & F'd'y.	Basic.	Mar. qr.	Dec. qr.		
New Cransley Iron & Steel Co., Ltd.	1	—	1	—	1	1	2	—
Hunsbury Iron Co., Northampton	—	—	—	—	—	—	2	—
Stewarts & Lloyds, Ltd.—								
Islip Iron Works ..	2	—	2	—	2	2	4	1
Corby	3	—	—	3	3	2¾	3	—
Kettering Iron & Coal Co., Ltd., Kettering	2	—	2	—	2	1½	2	—
Wellingboro' Iron Co., Ltd., Wellingboro'	2	—	—	2	2	1	2	—
Totals	10	—	5	5	10	8	15	1

Essex

Ford Motor Co., Ltd., Dagenham	1	—	—	1	1	1	1	—
Totals	1	—	—	1	1	1	1	—

South Staffordshire and Worcestershire

Bradley & Foster, Ltd., Capponfield ..	—	—	—	—	—	—	2	—
G. & R. Thomas, Ltd., Hatherton	—	—	—	—	½	1	2	—
Earl of Dudley, Brierley Hill	1	—	1*	—	1	1	4	1
Stewarts & Lloyds, Ltd. Wolverhampton	3	—	1	2	3	2	3	—
Willingsworth Iron Co., Ltd., Wednesbury	—	—	—	—	—	—	2	—
M. & W. Grazebrook, Ltd., Dudley	1	—	1*	—	1	1	2	—
Wm. Roberts (Tipton), Ltd.	—	—	—	—	—	—	3	—
Totals	5	—	3	2	5½	5	18	1

* Cold blast.

Gloucester, Somerset and Wilts

New Westbury Iron Co., Ltd.	—	—	—	—	—	—	1	—
Totals	—	—	—	—	—	—	1	—
GRAND TOTALS FOR UNITED KINGDOM	109	28	30	51	107	102½	267	22

New Furnaces Building (1)

WEST CUMBERLAND (1).—Millom & Askam Hematite I. n Co., Ltd. (1).

Number of Furnaces in Blast on March 31, 1936

District.	Average in blast for quarter	Total in blast on Mar. 31, 1936	Total in blast on Mar. 31, making			
			Hem.	Forge & Foundry	Basic.	Ferro-man., etc.
Scotland	12½	13	4	6	3	—
Durham and Northumberland ..	4	4	4	—	—	—
Cleveland	24½	25	5	—	17	3
Northamptonshire	10	10	—	5	5	—
Lincolnshire	12	12	—	—	2	—
Derbyshire	10	10	—	10	—	—
Notts and Leicestershire	3	3	—	3	—	—
S. Staffordshire and Worcestershire ..	5½	5	—	3	2	—
North Staffordshire	3	3	—	1	2	—
West Cumberland	5	5	4	—	—	1
Lancashire	6½	7	4	—	3	—
South Wales and Mon	4½	5	2	—	3	—
South and West Yorkshire	3	3	—	1	2	—
Shropshire	1	1	—	1	—	—
North Wales	2	2	—	—	1	1
Gloucester, Somerset and Wilts ..	—	—	—	—	—	—
Essex	1	1	—	—	1	—
Totals	107	109	23	30	51	5
Totals for previous Quarter	102½	105	23	34	44	4

Average Number of Furnaces in Blast for the previous Six Quarters

District.	Dec. 1935	Sept. 1935	June 1935	Mar. 1935	Dec. 1934	Sept. 1934
Scotland	13½	14	12½	11	13	13½
Durham and Northumberland	4	4	4	3½	4	4
Cleveland	22½	22	21½	23	22	22
Northamptonshire	8	7	7½	7½	7½	7
Lincolnshire	12	10	10	10½	10½	11½
Derbyshire	11	11	11	11	10	10
Notts and Leicestershire ..	2½	2	2	3	3	3
South Staffordshire and Worcestershire	5	5	5	5	4½	3½
North Staffordshire	3	3	3	2	3	3
West Cumberland	5	5	5	5	5	5
Lancashire	6	6	6	6	6	6
South Wales and Mon ..	3	4½	4½	4	4	4
South and West Yorkshire ..	3	3	3½	3½	3	3
Shropshire	1	—	—	—	1	1
North Wales	2	1½	2	2	2	2
Gloucester, Somerset and Wilts	—	—	—	—	—	—
Essex	1	1	1	1	1	1
Total	103½	99	99	98	99½	99½

SUPER GRADE
SILICA BRICK

SUPER SILICA CEMENT
None so Durable
QUALITY NEVER VARIES

STEPHENS SILICA BRICK Co., Ltd.
KIDWELLY.

PHILADELPHIA EXHIBITION, 1876:
ALSO SILVER MEDAL, PARIS.
The highest award for Gas Retorts and other goods (in Fire Clay) has been awarded to King Brothers for their Goods made from their renowned Stourbridge Fire Clay.
KING BROTHERS
(STOURBRIDGE), LIMITED.
Proprietors of Stourbridge Clay
MANUFACTURERS OF
Blast Furnace and Hot Air Stove Bricks, Tank Blocks, Glass-House Bricks and Pots, Gas Retorts and Crucibles.
In Clay and Plumbago.
STOURBRIDGE, ENGLAND.
CRUCIBLE MANUFACTORY.
46, PENN STREET,
Curzon Street, Birmingham.
N.B.—Blast Furnace, Hot Air Stove and Glass-House Bricks and Glass-House Pots always on Stock, or made on the shortest notice.

GEO. KING-HARRISON
Makers of ..... LIMITED, STOURBRIDGE.
BLAST FURNACE LININGS
of
Highly Aluminous Quality.
ALL BLOCKS ARE
MACHINE PRESSED.
Specialists in Hexagon Bricks for Hot Blast Stoves.
Our facilities for making and supplying quickly are exceptional.
● CUPOLA BRICKS
● COKE OVEN BRICKS.
NOTE.—Our SHADRACH BRAND will resist sudden shocks and temperatures, and is the popular Furnace Heat Resister to-day.

HARRIS & PEARSON
LIMITED
STOURBRIDGE
Machine Pressed
FIREBRICKS
for
BLAST FURNACE LININGS
Cowper, Ford, Moncur and other
HOT BLAST STOVES
COKE OVEN BRICKS and Firebricks for all purposes
SPECIAL BOILER SEATING BLOCKS, FLUE COVERS and BOILER COVERING BRICKS

'FOSTER'
OF
BACKWORTH,
THE
BLAST FURNACE LINING
SPECIALISTS
Makers of Machine Made
HIGH GRADE
Aluminous Linings
as supplied to
37 Iron Works in Great Britain,
as well as others in the Dominions and several European Countries.
HENRY FOSTER & Co LTD
BACKWORTH,
NEWCASTLE-ON-TYNE.

CAST IRON FLANGED
PIPES
2 in. to 12 in. Bore.
THOMAS ALLAN & SONS, Ltd.
Bonlea Foundry, Thornaby-on-Tees.

RYLAND'S DIRECTORY
OF THE
COAL, IRON, STEEL, TINPLATE,
METAL, ENGINEERING, FOUNDRY,
HARDWARE & ALLIED TRADES.
1936 Edition Now Ready.
Price 42/- Cloth, 52/- Morocco.
Published by :—
THE IRON AND COAL TRADES REVIEW,
49, WELLINGTON STREET, LONDON, W.C.2.
Telephone:
Temple Bar 3951 (5 lines).
Telegrams:
"Zacatecas, Rand, London."